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SEQUENCE LISTING

<110> Eckert, Deborah M.
Chan, David C.
Malashkevich, Vladimir
Carr, Peter A.
Kim, Peter S.

<120> Inhibitors of HIV Membrane Fusion

<130> 0399.1192-008

<140> US 09/746,742

<141> 2000-12-21

<150> PCT/US99/17351

<151> 1999-07-30

<150> US 60/094,676

<151> 1998-07-30

<150> US 60/100,265

<151> 1998-09-14

<150> US 60/101,058

<151> 1998-09-18

<150> US 60/132,295

<151> 1999-05-03

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1 5 10 15
Tyr His Ile Glu Asn Glu Ile Ala Arg Ile Lys Lys Leu Ile Gly Glu
20 25 30
Arg

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 Lys Lys Ile Glu Asn Glu Ile Ala Arg Ile Lys Lys Leu Leu Gln Leu
 20 25 30
 Thr Val Trp Gly Ile Lys Gln Leu Gln Ala Arg Ile Leu
 35 40 45

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Clp

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 Cys Asp Leu Lys Ala Lys Glu Trp Phe Trp Leu Cys
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Gln His Leu Leu Gln Leu Thr Val Trp Gly Ile Lys Gln Leu Gln Ala
 20 25 30
 Arg Ile Leu
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 20 25 30
 Leu Leu

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 Leu Cys

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 Leu

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<220>
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 20 25 30
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 35 40 45
 Gln His Leu Leu Gln Leu Thr
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<222> 3
 <223> Xaa = Any Amino Acid

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 Glu Trp Xaa Trp Leu
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<210> 25
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<400> 25
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 Lys Lys Ile Glu Asn Glu Ile Ala Arg Ile Lys Lys
 20 25

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<220>
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 1 5 10 15
 Thr

<210> 27
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<220>
 <223> portion of SIV Sequence

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 Leu Leu Arg Leu Thr Val Trp Gly Thr Lys Asn Leu Gln Thr Arg Val
 1 5 10 15
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<221> AMIDATION
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1 5 10 15

<210> 29
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<223> Xaa = Any Amino Acid

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<221> AMIDATION
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1 5 10 15
Xaa Xaa

<210> 30
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<222> 20

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Lys Lys Lys Lys Xaa Xaa Cys Xaa Xaa Xaa Xaa Xaa Glu Trp Xaa Trp
 1 5 10 15

Leu Cys Xaa Xaa
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<222> 1

<221> AMIDATION

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<400> 32

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1 5 10 15
Xaa Xaa Xaa


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1 5 10 15
Leu Cys Xaa Xaa Xaa
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Gly Ala Cys Glu Ala Arg His Arg Glu Trp Ala Trp Leu Cys Ala Ala
1 5 10 15

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1 5 10 15

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Gly Ala Cys Ser Arg Ser Gln Pro Glu Trp Glu Trp Leu Cys Ala Ala
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 Ala Ala

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 Leu Cys Ala Ala
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<221> AMIDATION
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1 5 10 15
Leu Cys Ala Ala
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Leu Cys Ala Ala
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CLP

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1 5 10 15

<210> 51
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Leu Cys Ala Ala
20

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<211> 16

<221> AMIDATION
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 Ala Ala

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<221> AMIDATION
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 Leu Cys Ala Ala
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<221> AMIDATION
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<221> ACETYLATION
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<221> AMIDATION
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 1 5 10 15
 Xaa Xaa

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<223> Xaa = Any Amino Acid

<221> ACETYLATION

<222> 1

<221> AMIDATION

<222> 20

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 1 5 10 15
 Leu Cys Xaa Xaa
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<222> 1

<221> AMIDATION

<222> 17

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 1 5 10 15
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<210> 61

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<221> VARIANT

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<223> Xaa = Any Amino Acid

<221> ACETYLATION

<222> 1

<221> AMIDATION

<222> 19

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 1 5 10 15
 Xaa Xaa Xaa

<210> 62
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 <223> Xaa = Any Amino Acid

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<221> AMIDATION
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 Lys Lys Lys Lys Xaa Xaa Cys Xaa Xaa Xaa Xaa Xaa Glu Trp Xaa Trp
 1 5 10 15
 Leu Cys Xaa Xaa Xaa
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<210> 63
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 D-peptides

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<210> 64
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<220>
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<221> ACETYLATION
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<221> AMIDATION
<222> 18

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1 5 10 15
Ala Ala

<210> 65
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<220>
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<221> ACETYLATION
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<221> AMIDATION
<222> 18

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1 5 10 15
Ala Ala

<210> 66
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
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<400> 66
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1 5 10 15
Leu Cys Ala Ala
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<210> 67
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<220>

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<221> ACETYLATION
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1 5 10 15
Ala Ala

<210> 68
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<212> PRT
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<220>
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<221> ACETYLATION
<222> 1

<221> AMIDATION
<222> 18

<400> 68
Lys Lys Gly Ala Cys Pro Pro Leu Asn Lys Glu Trp Ala Trp Leu Cys
1 5 10 15
Ala Ala

<210> 69
<211> 14
<212> PRT
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<221> VARIANT
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<223> Xaa= Any Amino Acid

<221> AMIDATION
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<210> 70

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<220>
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<221> ACETYLATION
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Lys Lys Gly Ala

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<220>
<223> D-peptide

<221> ACETYLATION
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<400> 71
Lys Lys Lys Lys Gly Ala
1 5
